

## ABSTRACT

In a data retransmission system, wherein when a response signal  
5 (ACK/NACK) from a receiving end is NACK in response to a block data  
transmitted from a transmitting end, the block data is retransmitted, the  
transmission efficiency is improved by avoiding unnecessary retransmission of the  
block data. There is provided a packet composition monitor part (26) that  
determines that correct data block cannot be received even when the maximum  
10 number of retransmissions has been reached in a packet composition part (24) at  
the data receiving end. For another block data including only the packet data as  
included in the foregoing block data, a control information producing circuit (34)  
transmits an ACK signal, whether or not the reception has been performed without  
any errors, thereby eliminating occurrence of retransmission. In this way,  
15 unnecessary block data retransmission can be avoided to improve the  
transmission efficiency.